

LEMBAR
HASIL PENILAIAN SEJAWAT SEBIDANG ATAU PEER REVIEW
KARYA ILMIAH : Prosiding Internasional terindex Scopus

Judul Publikasi : The Impact of Template Types on Poly Eugenol to the Adsorption Selectivity of Ionic Imprinted Polymer (IIP) Fe Metal Ion

Jumlah Penulis : 4 orang

Status Pengusul : penulis pertama/utama

Identitas Jurnal a. Nama Jurnal Ilmiah: IOP Conf Ser: mater.Sci. Eng 349 (2018) 012010

Ilmiah b. Nomor ISBN /ISSN : ISBN : 19366612, 19367317

c. Volume, Nomor, Bulan, Tahun : 349 (2018)

d. Penerbit : IOP Publishing

e. DOI artikel (jika ada) : doi:10.1088/1757-899X/349/1/012034;
<http://iopscience.iop.org/article/10.1088/1757-899X/349/1/012049>

f. Alamat web jurnal : <http://iopscience.iop.org/>

g. Terindeks di SCOPUS

e. Jumlah Halaman : 9(1-9)

Kategori Publikasi Jurnal Ilmiah : Q Prosiding Internasional / Internasional Bereputasi **

Hasil Penilaian Peer Review

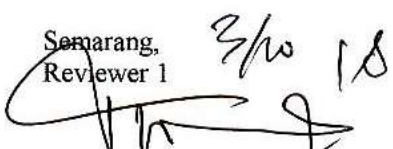
Komponen Yang Dinilai	Nilai Maksimal Prosiding Internasional			Nilai Akhir yang diperoleh
	Internasional Bereputasi	Nasional Terakreditasi	Nasional	
	(30)			
a. Kelengkapan unsur isi jurnal (10%)	3			2,2
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Total = (100 %)	30			24,6
Nilai Pengusul =				

Catatan Penilaian artikel oleh Reviewer :

1. <u>Kesesuaian dan kelengkapan unsur isi jurnal:</u>	:	Isi dari jurnal meliputi Abstract, Introduction, Experimental, Results and Discussion, Conclusions serta Reference. Artikel yang ditulis sudah meliputi akan hal tersebut. Daftar pustaka, petunjuk tanpa judul di artikel dilengkapi dengan judul. Kelengkapan jurnal terdiri dari ketua editor dan anggota, Reviewer, daftar isi, petunjuk penulisan juga ada. (skor= 2,2).
2. <u>Ruang lingkup dan kedalaman pembahasan:</u>	:	Fokus dan Scope dari prosiding ini sangat general yaitu physical sciences, including physics, math, chemistry, materials science and engineering. Artikel berisi tentang material membran dan uji dalam proses adsorpsi logam berat Fe. Tema ini masih termasuk dalam scope jurnal. Pembahasan sebagian masih berbentuk diskripsi Metode yang digunakan dalam penulisan juga cukup baik demikian juga eksperimen. Dalam pembahasan masih berisi cara kerja. (skor= 6,8).
3. <u>Kecukupan dan kemutakhiran data/informasi dan metodologi</u>	:	Literatur yang digunakan terbaru adalah tahun 2016, walaupun masih dari, Ybs. Referensi dari yang bersangkutan sangat dominan. skor= 7,0).
4. <u>Kelengkapan unsur dan kualitas terbitan:</u>	:	Penerbit dari IOP Publishing United Kingdom. Editor Internasional beragam 9 negara. Kualitas terbitan secara online dan cetak dan sudah terindeks di scopus (skor= 8.6).

Bidang ilmu/Unit kerja :Teknik Kimia/ Universitas
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Samarang,
Reviewer 1

3/10 18

Prof. Dr. Widayat, MT
NIP. 19720906 199803 1001

Nilai

Rata-rata Peer Review= 14,43

Nilai PAK Universitas = 14,43

Ttd. Penilai PAK Universitas


Prof. Dr. Hadiyanto, ST, MSc

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KARYA ILMIAH: Prosiding Internasional Terindex Scopus

Judul Publikasi : The Impact of Template Types on Polyeugenol to the
 Ilmiah (Artikel) Adsorption Selectivity of Ionic Imprinted Polymer
 (IIP) Fe Metal Ion

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Kategori Publikasi Jurnal Ilmiah : [X] Prosiding Internasional / Internasional Bereputasi **
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Komponen Yang Dinilai	Nilai Maksimal Prosiding Internasional			Nilai Akhir yang diperoleh
	Internasional Bereputasi	Nasional Terakreditasi	Nasional	
	(30)			
a. Kelengkapan unsur isi artikel (10%)	3			3,0
b. Ruang lingkup dan kedalaman pembahasan (30%)	9			7,0
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	9			6,5
d. Kelengkapan unsur dan kualitas penerbit (30%)	9			7,0
Total = (100 %)	30			23,5
Nilai Pengusul =	0,6 × 23,5			14,1

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1. Kesesuaian dan kelengkapan unsur isi jurnal:	: Isi dari artikel meliputi title, abstract, introduction, experimental method, results and discussion, conclusion, dan References. (skor = 3).
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4. Kelengkapan unsur dan kualitas terbitan:	: Prosiding diterbitkan oleh IOP Publishing United Kingdom dg Editor Internasional beragama dari 9 negara. Penulis artikel dalam prosiding ini sebagian besar dari Indonesia. Walaupun terindeks Scopus, dalam terbitan secara online dan cetak dim hal format dan kualitas Tabel dan Figure terlihat tidak konsisten. Penulisan Figure atau Fig. dim teks tdk konsisten. Penulisan sitasi dim teks tidak konsisten. Penulisan Daftar Pustaka tidak konsisten masing-masing penulis. (skor = 7,0).

Bidang ilmu/Unit kerja :Teknik Kimia/ Universitas
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Scmarang,
 Reviewer 2

Prof. Dr. Andri Cahyo Kumoro, ST, MT.
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JCC registration code	Title	Author(s)	Country
JCC2017006	Glycerol Steam Reforming for Hydrogen Production Over Ni/Co/NiCo/ZSM-5 Catalyst	Widayat Widayat ^{1,2} , <u>Arianti Nuur Annisa</u> ¹ , Hantoro Satriadi ¹ , Eunice Elizabeth ¹ , Richard Hartono ¹ , Syaiful ³	Indonesia
JCC2017007	Formulation and Antifungal Activity of Ointment Type of M/A From Ethanol Extract of White Plumeria Leaves (<i>Plumeria alba</i> L.) on <i>Candida albicans</i>	D R Ningsih, Zusfahair, D Kartika, M. Lianasari	Indonesia
JCC2017008	Preparation and Physico-Chemical Properties of <i>Gracilaria</i> /PVA/GA/CNT-Based Hydrogel for Slow/Controlled Release Material	Hendrawan Hendrawan ¹ , Fitri Khoerunnisa ² , Ferina Ihsani Ekawati ³ , Yaya Sonjaya ⁴	Indonesia
JCC2017010	Dynamic adsorption of mixtures of Rhodamine B, Pb(II), Cu(II) and Zn(II) ions on composites chitosan-silica-polyethylene glycol membrane	F. Widhi Mahatmanti ^{1*} , W. D. P. Rengga ² , E. Kusumastuti ¹ , Nuryono ³	Indonesia
JCC2017014	ZrO ₂ /bamboo leaves ash (BLA) Catalyst in Biodiesel Conversion of Rice Bran Oil	Is Fatimah ¹ , Ana Taushiyah ¹ , Fitri Badriatun Najah ¹ , Ulil Azmi ¹	Indonesia
JCC2017016	Probing the Interaction Between Cyclic ADTC1 (Ac-CADTPPVC-NH ₂) Peptide with EC1-EC2 domain of E-cadherin using the Molecular Docking Method	Parsaoran Siahaan ¹ , Sri Wuning ¹ , Atiatul Manna ¹ , Vivitri Dewi Prasasty ² , Dwi Hudiyan ¹	Indonesia



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19-20 September 2017

Semarang, Indonesia

JCC registration code	Title	Author(s)	Country
JCC2017022	The Learning Conservation Character Based On Ethnoscience Cultural Java As A Resource of Chemical Learning and Developing Thinking Skills Students	Sudarmin ¹ , Woro Sumarni ² , Agung Tri Prasetya ³	Indonesia
JCC2017025	Synthesis and Characterization of Diranitidinecopper(II) Sulfate Dihydrate	H Syaima ¹ , S B Rahardjo ² , and I M Zein ²	Indonesia
JCC2017028	Synthesis and Characterization of SrO/Zelite Nanoparticle as Catalystral Transesterification Reaction of Used Cooking Oil	Widiarti Nuni ¹ , Utami Nofita Sari ¹ , F. Widhi Mahatmanti ¹ Harjito ¹ , Cepi Kurniawan ¹ , Didik Prasetyoko ² , Suprpto ²	Indonesia
JCC2017036	Development of Assessment Instruments to Measure Critical Thinking Skills	Woro Sumarni ¹ , Kasmadi Imam Supardi ² , Nuni Widiarti ³	Indonesia
JCC2017061	Treatment of Waste Lubricating Oil by Chemical and Adsorption Process Using Butanol and Kaolin	Riyanto ¹ , Bayu Ramadhan ¹ and Deni Wiyanti ¹	Indonesia
JCC2017062	The Effect of Temperature and Time in The Manufacture of Gelatin Powder from Waste Fish Scales as A Source of Food Protein Towards National Food Security	Muhammad Afandi ¹ , Faqihudin Mubarak ¹ , Muhammad Farid Thahir ¹ , Pratika Febrianti ¹ , Tissasera Iseki ¹ , Suherman S.T,M.T ¹	Indonesia
JCC2017063	Two Bisabolanes from <i>Curcuma xanthorrhiza</i> Rhizomes and Their Antibacterial Activity	Hartiwi Diastuti ¹ , Yana Maolana Syah ² , Lia Dewi Juliawaty ² , Marlia Singgih ³	Indonesia
JCC2017064	A Comparison Study of Sodium Lignosulfonate, Sodium Dodecyl Benzene Sulfonate, and Sodium p-Toluene Sulfonate Surfactant for Enhanced Oil Recovery	Argo Khoirul Anas ¹ , Nurcahyo Iman Prakoso ¹ , Dilla Sasvita ¹	Indonesia



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JCC2017065	Optimization Recovery Yttrium Oxide (Y ₂ O ₃) In Precipitation, Extraction and Stripping Process	Nizar Kamil Pewira ¹ , Kris Tri Basuki ¹ , Dwi Biyantoro ² , Nuradam Effendy ¹	Indonesia
JCC2017069	The Effect of Mole Comparison of Acetone as Co-Solvent to Methanol in Transesterification Reaction of Waste Cooking Oil	Tatang Shabur Julianto ¹ , Rizqy Nurlestari ¹	Indonesia
JCC2017073	Antimicrobial Activity of Saponin Compounds from Oil-Free Mahogany Seeds (<i>Swietenia macrophylla</i> , King)	Sri Mursiti ¹ , Supartono ¹	Indonesia
JCC2017074	Generic Science Skills Enhancement of Students Through Implementation of IDEAL Problem Solving Model On Genetic Information Course	Aisyah Zirconia ¹ , Florentina Maria Titin Supriyanti ¹ ., Asep Supriatna ¹	Indonesia
JCC2017079	Sunlight-Assisted Synthesis of Colloidal Silver Nanoparticles Using Chitosan as Reducing agent	Endang Susilowati ¹ , Maryani ² , Ashadi ³	Indonesia
JCC2017083	Modification of Polyeugenol Dirivate Contain Ethylene Glycol Dimethacrylate (EGDMA) as a Carrier for Phenol Trasport	Agung Abadi Kiswandono ¹ , Dwi Siswanta ² , Nurul Hidayat Aprilita ² , Sri Juara Santosa ²	Indonesia
JCC2017086	Determination of Urease Biochemical Properties of Asparagus Bean (<i>Vigna unguiculata</i> ssp <i>sesquipedalis</i> L.)	Zusfahair ¹ , D R Ningsih ¹ , A Fatoni ¹ , D S Pertiwi ¹	Indonesia
JCC2017088	Concentration Effect of Silver Doped Titania Synthesized by Sonochemical Method and Ability Test of Anti Bacterial <i>S. Aureus</i>	Heri Sutanto ¹ , Eko Hidayanto ¹ , Mukholit ¹ , Jhon Wesley Manik ¹ , Ahmad Nimatullah Al-Baarri ²	Indonesia
JCC2017092	Membran-Based Synthesis of Chitosan Crosslinked Succinic Acid Grafted with	Retno Ariadi Lusiana ¹ , Yayuk Astuti ¹ , Vivi Dia A Sangkota ¹	Indonesia



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JCC registration code	Title	Author(s)	Country
	Heparin/Pva-Peg (Polyvinyl Alcohol-Polyethylene Glycol) and its Characterization		
JCC2017098	Characterization of Bio-Oil from Fast Pyrolysis of Palm Frond and Empty Fruit Bunch	Maharani Dewi Solikhah ¹ , Fatimah Tresna Pratiwi ¹ , Yayan Heryana ¹ , Andrias Rahman Wimada ¹ , Feri Karuana ¹ , Alfonsus Agus Raksodewanto ¹ , Agus Kismanto ¹	Indonesia
JCC2017101	Encapsulation of Vitamin C and Beta Carotene in Sesame (<i>Sesamum Indicum L.</i>) Liposomes	Dwi Hudiyanthi ¹ , Heralda Fawrin ¹ , and Parsaoran Siahaan ¹	Indonesia
JCC2017103	Synthesis and Characterization of Eugenol-Stearyl acrylate Biopolymer	Alifia H. Rachma ¹ , Lia F. ¹ , Marita M. Putri ¹ , and Desi S. Handayani ¹	Indonesia
JCC2017104	Hydrocracking of Rosin Oil to Fuel over Ni-Mo/ γ -Al ₂ O ₃ Catalysts	Yeni Fitriana Jayanti, Sigit Priatmoko, Jumaeri	Indonesia
JCC2017107	Review Constraints, and Challenges in Project-Based Learning on Chemical Instrumentation to Enhance Competence and Life Skills	Agung Tri Prasetya ¹	Indonesia
JCC2017108	Study of Catalyst Variation Effect in Glycerol Conversion to Hydrogen by Steam Reforming Process	Widayat ^{1,2} , <u>Richard Hartono</u> ¹ , Eunice Elizabeth ¹ , Arianti Nuur Annisa ¹	Indonesia
JCC2017111	Kinetics Study of Cu-DBDTC (Di-N-buthylditiocarbamate) formation	Sri Haryani, Agung Tri P., Sri Wardani, C. Kurniawan	Indonesia



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JCC registration code	Title	Author(s)	Country
JCC2017118	Extraction of Gelatin from Catfish Bone Using Naoh and its Utilization as a Template on Mesoporous Silica Alumina	Rahmad Nuryanto ^{1,2} , Wega Trisunaryanti ¹ , Iip Izul Falah ¹ , Triyono ¹	Indonesia
JCC2017122	2,4,6-Trimercapto-1,3,5-Triazine - Modified Gold Nanoparticles in Colloidal System and Its Potency as Formalin Detector	Yoki Yulizar ¹ , Harits Atika Ariyanta ^{1,2} , Lutfita Rakhmania ¹	Indonesia
JCC2017123	Synthesis of N-doped ZnO Thin Film by Sol-gel Method and Its Photodegradation Activity to Coliform Bacteria Under The Visible Light Irradiation	Muhammad Irwanto, Agus Romadhon, Yunita Indriyani, Gemma Tristadaksa Acintyasakti, Kuwati	Indonesia
JCC2017125	Analysis Study of Stevioside and Rebaudioside A from Stevia rebaudiana Bertoni By Normal Phase SPE and RP-HPLC	Yohanes Martono ¹ , Abdul Rohman ² , Sugeng Riyanto ² , and Sudibyo Martono ²	Indonesia
JCC2017126	A Green route fast synthesis and characterization of 2,4,6-triacetyl-1,3,5-trihydroxybenzene: an analogue of acylphloroglucinol natural product	T Kusumaningsih ¹ , M Firdaus ¹ , and W E Prasetyo ¹	Indonesia
JCC2017131	Synthesis of a New Materials of Silica-Methyl Quaternary Ammonium-Magnetite Nanoparticles and Its Applications as Adsorbent of Cu(II) in Aqueous Solution	Ngatijo ¹ , Nuryono ² , Faizar Faried ¹ , Nofrizal Jhon ¹ and Dwi Haryadi ¹	Indonesia
JCC2017132	Imines and Metals: Marriage Made in Heavens	Hadariah Bahron, Nizam Ahmad	Malaysia
JCC2017134	Development of Intertextual Learning Strategy with Guided Inquiry on Solubility Concept to	K U Wardani ¹ , Sri Mulyani ¹ , Wiji ²	Indonesia



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	Improve the Student's Scientific Processing Skills		
JCC2017135	Synthesis and Characterization of Tetrakis(2-amino-3-methylpyridine) copper(II) Sulfate Tetrahydrate	S B Rahardjo ¹ , T E Saraswati ¹ , A Masykur ¹ , N N F Finantrena ¹ , H Syaima ²	Indonesia
JCC2017138	Hybrid Scaffolds of Biodegradable Polymers and Biomimetic Matrices for Tissue Engineering Applications	Guoping Chen, Nur Rofiqoh Eviana Putri, Naoki Kawazoe	Japan
JCC2017149	Preliminary Study of Hyptis pectinata (L.) Poit Extract Biotransformation by Aspergillus niger	Desi Sri Rejeki ¹ , Agustina L. N. Aminin ² , Meiny Suzery ³	Indonesia
JCC2017155	Toxicity Tests, Antioxidant Activity, and Antimicrobial Activity of Chitosan	Mardiyah Kurniasih ¹ , Purwati ¹ , Ratna Stia Dewi ²	Indonesia
JCC2017157	Encapsulation of Iron and Vitamin C in Coconut (<i>Cocos Nucifera</i> L.) Liposomes: Efficiency and Leakage	Dwi Hudiyaniti ¹ , Vina Angerina Panjaitan ¹ , and Parsaoran Siahaan ¹	Indonesia
JCC2017165	Effectiveness Study of Drinking Water Treatment In Indonesian Regulation of Health Minister Using Adsorbent Clays Appeal Andisol In Lariat Heavy Metal Cadmium (Cd) and Bacterial Pathogens	Dr. Pranoto, M.Sc ¹ , Inayati, S.T., M.T, Ph. ² , Fathoni Firmansyah ³	Indonesia
JCC2017166	Radical Scavenging Activity from Ethanolic Extract of Malvaceae Family's Flowers	Anif Nur Artanti ¹ , Niki Rahmadanny ¹ , Fea Prihapsara ¹	Indonesia
JCC2017167	Golden Wattle (<i>Acacia pycnantha</i>) Flower: Is it Only Floral Emblem of Australia?	Rudi Hendra ^{1,2} , Paul Keller ²	Indonesia



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19-20 September 2017

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JCC registration code	Title	Author(s)	Country
JCC2017169	Electrochemical Disinfection of Coliform and Escherichia Coli for Drinking Water Treatment By Electrolysis Method Using Carbon Electrode	Riyanto ¹ , Wanda Rusma Agustiningih ¹	Indonesia
JCC2017172	Prenylation of Pinostrobin and Antibacterial Activity Against Clinical Bacteria	Soerya Dewi Marliyana ¹ , Didin Mujahidin ² and Yana M Syah ²	Indonesia
JCC2017175	Electronic structure and molecular alignment of PTCDI-C4 molecules on MoS2 surface	Arramel Arramel, Xinmao Yin, Qixing Wang, Yu Zheng, Song Zhibo, Mohammad bin Hassan, Dianyu Qi, Jishan Wu, Andrivo Rusydi, and Andrew T. S. Wee.	Singapore
JCC2017178	Simple Approach in Understanding Interzeolite Transformations Using Ring Building Units	Dede Suhendar ^{1,2} , Buchari ² , Rino R. Mukti ² , Ismunandar ²	Indonesia
JCC2017179	The Effect of Mangoosteen Extract (<i>Gracinia Mangostana</i> L.) on Synthesis of Ag ₃ PO ₄ Photocatalyst	Mohammad Afif ¹ , Alfa Marcorius ¹ , Khusnul Afifah ¹ , Siti Nurfiah ¹ , Khanifudin Khanifudin ² , Febiyanto Febiyanto ² , Uyi Sulaeman ^{1*}	Indonesia
JCC2017185	Transformation of Indonesian Natural Zeolite into Analcime Phase under Hydrothermal Condition	Witri Wahyu Lestari ¹ , Dien Nur Hasanah ¹ , Riandy Putra ^{1,2} , Rino Rakhmata Mukti ³ , and Khoirina Dwi Nugrahaningtyas ¹	Indonesia
JCC2017188	Synthesis and Characterization of SrO/Zelite Nanoparticle as Catalysal Transesterification Reaction of Used Cooking Oil	Widiarti Nuni ¹ , Utami Nofita Sari ¹ , F. Widhi Mahatmanti ¹ Harjito ¹ , Cepi Kurniawan ¹ , Didik Prasetyoko ² , Suprpto ²	Indonesia



**The 12th Joint Conference
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19-20 September 2017

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JCC2017189	Ar-Turmerone a Sesquiterpenoid from <i>Curcuma Soloensis</i> . Val (<i>Temu Glenyeh</i>) Rhizome Extract	Gesti Munasah ¹ , M. Widyo Wartono ¹ , Fajar Rakhman Wibowo ¹ , Soerya Dewi Marliyana ¹	Indonesia
JCC2017193	Identification and Control of Unknown Impurity in Trimetazidine Dihydrochloride Tablet Formulation	Jefri ¹ , Didik Harmoko ¹ , Agustina Dian Puspitasari ² , Joseph Sunder Raj Talpaneni ¹ , Raymond R Tjandrawinata ^{1,2,3}	Indonesia
JCC2017197	Modifications of Deoxynojirimycin (DNJ) Compound as α -Glucosidase Inhibitor for the Dengue Fever Treatment	Usman Sumo Friend Tambunan, Hanum Ariza Deski, Moch. Arifin Fardiansyah Nasution	Indonesia
JCC2017198	5-Substituted Isatin Derivatives: Synthesis and Anti-tubercular Activity Against <i>Mycobacterium tuberculosis</i> H ₃₇ Rv	M. Riza Ghulam Fahmi ¹ , Laili Khumaidah ¹ , Trividiati Khusnul Ilmiah ¹ , Arif Fadlan ¹ , Mardi Santoso ¹	Indonesia
JCC2017199	Formulation of Antibacterial Liquid Soap from Nyamplung Seed Oil (<i>Calophyllum inophyllum</i> L) with Addition of <i>Curcuma heyneana</i> and its Activity Test on <i>Staphylococcus aureus</i>	Senny Widyaningsih ¹ , Moch.Chasani ¹ , Hartiwi Diastuti ¹ , Novayanti ¹	Indonesia
JCC2017203	Chitosan as Natural Coagulant to Minimize Hg (II) Levels in Bone River Waters of Gorontalo Province	Astin Lukum ¹ , Asda Rauf ² , Jefrin Akume ¹ , Arfiani Rizki Paramata ³	Indonesia
JCC2017205	Designing Molecular Switches: A Molecular Magnetism Approach	Natnaree Phukkaphan, I Theerapoom Boonbrap, Phimpaka Harding, Dyanne Cruickshank, Keith S. Murray, Wasinee Phonsri, Shane G. Telfer, Adil Alkaş and David J. Harding	Thailand



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JCC registration code	Title	Author(s)	Country
JCC2017206	Adsorption Kinetics of Sodium Lauryl Sulfate (SLS) and Hexadecyltrimetilammonium Bromide (HDTMABr) Surfactants on Activated Carbon	Arnelli ¹ , Aditama WP ¹ , Zul Fikriani ¹ , Yayuk Astuti ¹	Indonesia
JCC2017207	The Effect of Cellulose Acetate Concentration from Coconut Nira on Ultrafiltration Membrane Characteristics	Eva Vaulina ¹ , Senny Widyaningsih ¹ , Dwi Kartika ¹ , Mia Putri Romdoni ¹	Indonesia
JCC2017212	Supramolecular Assembly of Group 11 Phosphorescent Metal Complexes for Chemosensors of Alcohol Derivatives	Hendrik O. Lintang ^{1,2,3} , Nur Fatiha Ghazalli ^{4,5} , Leny Yuliaty ^{1,2,3}	Indonesia
JCC2017216	Ab Initio Computational Study of –N-C and –O-C Bonding Formation : Functional Group Modification Reaction Based Chitosan	Parsaoran Siahaan ¹ Siti Nur Milatus Salimah ¹ , Marta J. Sipangkar ¹ , Dwi Hudiyaniti ¹ , M. Cholid Djunaedi ¹ , Marlyn Dian Laksitorini ²	Indonesia
JCC2017222	Development of Performance Assesment Instrument Based on Contextual Learning to Measure Students Laboratory Skill	Endang Susilaningsih, Khusnul Khotimah, Sri Nurhayati	Indonesia
JCC2017224	FTIR and FT-Raman analysis of Bentonite Modified with 3-aminopropyltrimethoxysilane	E. Pramono ^{1,3} , C. L. Radiman ¹ , D. Wahyuningrum ² , W. Pratiwi ¹	Indonesia
JCC2017226	Chemical and Physical Composition and Mosquito Repellent Activity of Fractionation Active Component from Java Citronella Oil (<i>Cymbopogon winterianus</i>)	Willy Tirza Eden ¹ , Dante Alighiri ¹ , Edy Cahyono ² , Kasmadi Imam Supardi ³ , Nanik Wijayati ²	Indonesia
JCC2017228	Removal of Cadmium from Wastewater by Adsorption with The Modified Iron-Mesoporous Silica SBA-15	Desita ¹ , Mmaria Ulfa ¹ , Teguh Endah Saraswati ² And Bakti Mulyani ¹	Indonesia



**The 12th Joint Conference
on Chemistry - 2017**

19-20 September 2017

Semarang, Indonesia

JCC registration code	Title	Author(s)	Country
JCC2017237	Molecular Docking Simulation of Neuraminidase Influenza a Subtype H1N1 with Potential Inhibitor of Disulfide Cyclic Peptide (DNY, NNY, LRL)	Usman Sumo Friend Tambunan ¹ , Riski Imaniasuti ¹ , Mochammad Arfin Fardiansyah Nasution ¹ , Djati Kerami ²	Indonesia
JCC2017240	Analysis of Hydrogen Gas Production from Seawater Electrolysis Using Variation of Voltage	Yoyon Wahyono ¹ , Heri Sutanto ¹ , Eko Hidayanto ¹ , Ladaina Noura ¹ , Eko Siswoyo ²	Indonesia
JCC2017244	Aluminium - Cobalt-Pillared for Dye Filtration Membrane	Adi Darmawan ¹ , Widiarsih ¹	Indonesia
JCC2017247	Fractionation of Glucomannan, New Hope for Corneal Lamellar Laceration Therapy, "A Preliminary Study"	A. Kartiwa ¹ , M. Prayoga ¹ , S. Heryati ¹ , N. Atik ² , D. Sariawati ² , S. Bardi ³ , M. Fadhilah ⁴ , T. Subroto ⁴	Indonesia
JCC2017248	Characterization of ZnO Nanoparticles from Waste Galvanized by Using Acetic Acid Extraction Followed by Precipitation	Risma Dewi Dahlianti ¹ , Aprian Rudina Sukma ² , Iftitah ³ , Daisman P. Bayuaji ¹ , Dody Prayitno ¹ , Ersan Y. Muhlis ¹	Indonesia
JCC2017254	Assessment of Drug Binding Potential of Pockets in the NS2B/NS3 Dengue Virus Protein	Fitri Amelia ¹ , Iryani ¹ , Prima Yulia Sari ¹ , Arli Aditya Parikesit ² , Ridla Bakri ² , Erwin Prasetya Toepak ² , <u>Usman Sumo Friend Tambunan²</u>	Indonesia
JCC2017255	Potentials of n-Heksan, Aseton and Ethanol Fraction Extract in Palmyra Fruit (<i>Borassus flabellifer</i> L.) as Antioxidant	Sukmawati	Indonesia
JCC2017258	Synthesis of Eugenol–Lauryl Methacrylate Copolymers via Cationic Polymerization	Aisyah Fajrin ¹ , Soerya Dewi Marliana ¹ , Desi Suci Handayani ¹	Indonesia



**The 12th Joint Conference
on Chemistry - 2017**

19-20 September 2017

Semarang, Indonesia

JCC registration code	Title	Author(s)	Country
JCC2017262	Modification of montmorillonite with tetraethyl ortosilicate (TEOS) and cetyl trimethylammonium bromide (CTAB)	Dian M. Widjonarko, Oktaviana D. Mayasari, Khoirina D. Nugrahaningtyas, Sayekti	Indonesia
JCC2017266	The Addition of CaO in Volcanic Ash-Based Geopolymer Synthesis	Ella Kusumastuti ¹ , Fani Indah Ariati ¹	Indonesia
JCC2017267	Effect of Temperature to Adsorption Capacity and Coefficient Distribution on Rare Earth Elements Adsorption (Y, Gd, Dy) Using SIR	Nofriady Aziz ¹ , Aswati Mindaryani ² , Supranto ² , Agus Taftazani ³ , Dwi Biyantoro ³	Indonesia
JCC2017269	Computational Exploration of Chemistry: From Organic Molecules to Metal-Organic frameworks	Hajime Hirao	Hong Kong
JCC2017270	The Wastewater Treatment Processes and Mechanism of Organic Matter Removal by Modified Multi-Soil-Layering System	Roy Andreas ¹ , Irmanto ¹	Indonesia
JCC2017271	Quantitative Analysis of Curcuminoid Collected from Different Location in Indonesia by TLC-Densitometry and Its Antioxidant Capacity	Dinar Sari C. Wahyuni ¹ , Anif Nur Artanti ¹ , Yudi Rinanto ²	Indonesia
JCC2017274	Photocatalyst of Perovskite CaTiO ₃ Nanopowder Synthesized from CaO derived from Snail Shell and Comparison with CaO and CaCO ₃	Is Fatimah ¹ , Yeka Rahmadiani ¹ , Rizky Ayu Pudiasari ¹	Indonesia
JCC2017275	Surface and Groundwater Interactions: Cikapundung Bandung, Kanal Banjir Timur Semarang and Cisadane Tangerang	Dasapta Erwin Irawan ¹ , Endah Sulistyawati ² , Alecia Artita Midori ³ , Budi Faisal ³	Indonesia
JCC2017276	Effect of Ratio of Sugar Palm Fruit (<i>Arenga pinnata</i>) and Carrageenan and Citric Acid on Moisture Content, Biodegradability, and Functional Groups of Biodegradable Film	Safira Aulia Rinanda ¹ , Muhammad Nastabiq ¹ , Sonya Hakim Raharjo ¹ , Shifa Karima Hayati ¹ , Muhammad Ainul Yaqin ¹ , and Ratnawati ¹	Indonesia



**The 12th Joint Conference
on Chemistry - 2017**

19-20 September 2017

Semarang, Indonesia

JCC registration code	Title	Author(s)	Country
jcc2017277	Kinetic and Thermodynamic Biosorption of Pb(II) by Using Pectin-Carboxymethyl Chitosan-BADGE- Pb(II)-Imprinted Ion Polymer (Pec-CC-BADGE-Pb(II)-IIP) adsorbent	Budi Hastuti, and Dwi Siswanta	Indonesia
JCC2017278	Curcuminoid content of Curcuma longa L. and Curcuma xanthorrhiza rhizome based on drying method with NMR and HPLC-UV	Saptono Hadi 1* , Dinar Sari C. Wahyuni 1 , Anif Nur Artanti 1 , Yudi Rinanto 2	Indonesia
JCC2017283	Effect of Preparation Methods on the Activity of Titanium Dioxide-Carbon Nitride Composites for Photocatalytic Degradation of Salicylic Acid	Leny Yulianti ¹⁻³ , Azlan Mohd Salleh ⁴ , Mohd Hayrie Mohd Hatta ⁴ , Hendrik O. Lintang ¹⁻³	Indonesia
JCC2017293	Separation of Gadolinium (Gd) Using Sinergis Solven Mixed Topo -D2ehpa With Extraction Method	Nuradam Effendy ¹ , Kris Tri Basuki ¹ , Dwi Biyantoro ² , Nizar Kamil Pewira ¹	Indonesia
JCC2017298	Carp Operculum Bone (<i>Cyprinus Carpio Sp.</i>) Scaffold is A Potential Xenograft Implant Material: A Histological Study	A Kartiwa ¹ , B Abbas ² , P Pandansari ² , N Atik ³ , RAA Syamsunarno ⁴ , SF Boesoirie ¹ , MR Dahlan ¹ , K Boesoirie ¹ , A Prahasta ¹ , M Nandini ⁵ , M Fadhillah ⁶ , A Switania ¹ , T Subroto ⁶ and R Panigoro ⁴	Indonesia
JCC2017300	Photodegradation of Methyl Violet Using Graphite/PbTiO ₃ Composite	C. Purnawan ¹ , S. Wahyuningsih ² , V. Nawakusuma ²	Indonesia
JCC2017301	Synthesis and Characterization of Bismuth Oxide using Sol Gel Method	Yayuk Astuti ¹ , Darul Amri ¹ , Krisna Dian Purnama ¹ , Fauzan Musthafa ¹ , Agus Muslim ¹ , Arnelli ¹	Indonesia
JCC2017302	Ascorbic Acid Encapsulation in Silica Gel from Teos/Mtes Precursor by Sol-Gel Process	Sriyanti ¹ , Sariatun ¹	Indonesia



**The 12th Joint Conference
on Chemistry - 2017**

19-20 September 2017

Semarang, Indonesia

JCC registration code	Title	Author(s)	Country
JCC2017303	Method of ERASI (Electro Assisted Phytoremediation-Aeration) with Vetiveira Grass (<i>Vetiveira Zizaniodes</i> L) As Remediation of Heavy Metal Waste Fe and Cu	Iis Setianingrum ¹ , Ega Dwi Sintadani ¹ , Vivin Viani ¹ , Durrotul Uuliyah ¹ , Muhammad Faiq Faridani ² , Rudy Syah Putra ³	Indonesia
JCC2017304	Identification of Flavonoid Compounds from the Active Fraction of the α -Glucosidase Inhibitor from Carrot Leaves Extract (<i>Daucus carota</i> L.)	Khairul Anam ¹ , Fatikha Aulia Said ¹ , Dewi Kusri ¹	Indonesia
JCC2017305	A New Sorbent of Silica Magnetite: The Influence of Variation of Sodium Silicate Concentration on The Character of The Silica Magnetite	C Azmiyawati ¹ , S Farnola ¹ and A Darmawan ¹	Indonesia
JCC2017306	Effect of Potentials and Electric Charges Copper and Indium Depositions to The Photocurrent Responses of CuInS ₂ Thin Film Fabricated By Stack Electrodeposition Followed by Sulfurization	Gunawan ¹ , Abdul Haris ¹ , Hendri Widiyandari ² , Wilman Septina ³ , Shigeru Ikeda ⁴	Indonesia
JCC2017307	Synthesis of 4-hydroxy-3-methylchalcone from Reimer-Tiemann Reaction Product and Its Antibacterial Activity Test	Mutiara Hapsari ¹ , Tri Windarti ¹ , Purbowatiningrum ¹ , Ngadiwiyana ¹ , Ismiyarto ¹	Indonesia
JCC2017308	Antiglycation and α -Glucosidase Inhibitory Properties of <i>Alpinia purpurata</i> K Schum Fermented by <i>Aspergillus niger</i>	Agustina L. N. Aminin ¹ , Ratnasari ¹ , Meiny Suzery ¹ , Bambang Cahyono ¹	Indonesia
JCC2017309	Synthesis and Characterization of NaCo _(1-x) Mn _x O ₂ Solid Electrolyte Using Sol-Gel Method: The Effect of Milling Speed Variations	Linda Suyati ¹ , Oksita Asri Widyayanti ¹ , Muhammad Qushoyyi ¹ , Rahmad Nuryanto ¹	Indonesia



**The 12th Joint Conference
on Chemistry - 2017**

19-20 September 2017

Semarang, Indonesia

JCC registration code	Title	Author(s)	Country
JCC2017310	The Impact of Template Types on Polyeugenol to The Adsorption Selectivity of Ionic Imprinted Polymer (Iip) Ion Metal Fe	Muhammad Cholid Djunaidi ¹ , Abdul Haris ¹ , Pardoyo ¹ , Rosdiana K ¹	Indonesia
JCC2017311	Antidiabetic Activity from Cinnamaldyde Encapsulated by Nanochitosan	Purbowatingrum ¹ , Ngadiwiyan ¹ , Enny Fachriyah, Ismiyanto, Bonita Ariestiani, Khikmah	Indonesia
JCC2017312	Chitosan-Tripoly phosphate (CS-TPP) Synthesis through Cross-Linking Process: The Effect of Concentration towards Membrane Mechanical Characteristic and Urea Permeation	Retno Ariadi Lusiana ¹ , Anugrah Ricky Wijaya ² , Sri Juara Santosa ³	Indonesia
JCC2017313	Modifikasi Zeolit Alam dengan Fe(III) dan Aplikasinya Sebagai Adsorben Anion Klorida dan Karbonat	Suhartana ¹ , Emmanuella Sukmasari ¹ , Choiril Azmiyawati ¹	Indonesia
JCC2017314	The Effect of Ca/P Ratio to The Formation of β -TCP by Sol-Gel Method	Tri Windarti ¹ , Adi Darmawan ¹	Indonesia
JCC2017315	Isolation, Identification and Xanthine Oxidase Inhibition Activity of Alkaloid Compound from <i>Peperomia pellucida</i>	Enny Fachriyah ¹ , Khairul Anam ¹ , M. Alvien Ghifari ¹	Indonesia
JCC2017317	The Spectrophone®: Utilization of Android-base Smartphone to support handmade spectrophotometer	Resti Ujiningtyas ¹ , Evalisa Apriliani ¹ , Ismi Yohana ¹ , Lisa Afrilianti ¹ , Nur Hikmah ² , Cepi Kurniawan ¹	Indonesia
JCC2017318	Degradation of Cr(VI) in Batik Liquid Waste Using Advanced Oxidation Processes	Tien Setyaningtyas ¹ , Kapti Riyani ¹ and Ende Hopsah Badriah ¹	Indonesia
JCC2017SRS	Guided cooperative flipped classroom Approach in learning Molecular orbital	Sharipah Ruzaina Syed Aris	Malaysia



**The 12th Joint Conference
on Chemistry - 2017**

19-20 September 2017

Semarang, Indonesia

JCC registration code	Title	Author(s)	Country
JCC2017SSS	IMPLEMENTATION OF PROJECT-BASED LEARNING TO THE ABILITY OF SCRIPTURAL LITERATES ON HIGHSCHOOL STUDENT CLASS XI	Sri Sulilogati	Indonesia
JCC2017RAW	Moving towards a greener future. from waste to wealth: oil palm biomass-based bionanocomposite	Dr. Roswanira Abdul Wahab	Malaysia

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Jurusan Kimia FMIPA UNNES sukses menyelenggarakan Seminar Internasional yakni 12th Joint Conference of Chemistry (JCC 2017), Selasa (19/9) di Aston Hotel and Convention Centre. Tema yang diusung kali ini "Contributions of chemical sciences, engineering, education, and technology in solving global challenges".

Joint Conference of Chemistry atau JCC merupakan bentuk kerjasama lima universitas dalam bentuk konsorsium bidang Kimia Universitas Negeri Semarang (UNNES), Universitas Diponegoro (UNDIP), Universitas Sebelas Maret Surakarta (UNS), Universitas Jendral Soedirman (UNSOED) dan Universitas Kristen Satya Wacana (UKSW). JCC dilaksanakan setiap tahun dan Jurusan Kimia UNNES bertindak penyelenggara pada tahun ini.

Pelaksanaan JCC oleh Jurusan Kimia UNNES ini bertepatan dengan dilaksanakannya Seminar Internasional oleh FMIPA UNNES yakni 4th International Conference on Mathematics, Science and Education (ICMSE 2017) di tempat yang sama pada tanggal 18-19 September 2017.

Tampil sebagai narasumber (Keynote Speaker) yakni Prof. David Harding (Walailak University, Thailand), Prof. Goupeng Chen (University of Tsukuba, Jepang), Prof. Hadariah Bahron (Universiti Teknologi MARA, Malaysia), Prof. Subramaniam Ramanathan (National Institute of Education, Nanyang Technological University, Singapura), Prof. Hajime Hirao (City University of Hong Kong), sedangkan dari dalam negeri adalah Prof. Ni Nyoman Tri Puspaningsih (Universitas Airlangga Surabaya, Indonesia), serta Prof. Kasmadi Imam Supardi (Universitas Negeri Semarang).

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Abstract

PREFACE

The Joint Conference on Chemistry (JCC) is the annual society meeting of the Chemistry Department Consortium of Universitas Negeri Semarang (UNNES), Universitas Diponegoro (UNDIP), Universitas Sebelas Maret Surakarta (UNS), Universitas Jenderal Soedirman (UNSOED), and Universitas Kristen Satya Wacana (UKSW) in collaboration with Indonesian Chemical Society or Himpunan Kimiawan Indonesia (HKI). The 12th JCC 2017 meeting was held in Semarang from 19th to 20th September 2017. It was co-organized by Chemistry Department, Faculty of Mathematics and Natural Sciences of UNNES.

The Conference adopts a timely theme Contributions of chemical sciences, engineering, education, and technology in solving global challenges Chemistry is one of the keys to create a sustainable society, and for that purpose we need to reinforce the chemistry science, technology and education and to extend our finding to innovation.

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Table of contents

Volume 349 2018

◀ Previous issue Next issue ▶

The 12th Joint Conference on Chemistry 19–20 September 2017, Indonesia

Accepted papers received: 09 April 2018

Published online: 02 May 2018

[Open all abstracts](#)

Preface

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012033

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012035

Characterization of Bio-Oil from Fast Pyrolysis of Palm Frond and Empty Fruit Bunch

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012036

Synthesis of 4-hydroxy-3-methylchalcone from Reimer-Tiemann reaction product and its antibacterial activity test

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Toxicity tests, antioxidant activity, and antimicrobial activity of chitosan

M Kurniasih, Purwati and R S Dewi

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012038

Sorption Isotherm Modelling Of Fermented Cassava Flour by Red Yeast Rice

M N Cahyanti, M N Alfiah and S Hartini

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012039

2-Thiophenecarboxylic acid hydrazide Derivatives: Synthesis and Anti-Tuberculosis Studies

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012040

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012048

Antidiabetic activity from cinnamaldyde encapsulated by nanochitosan

Purbowatingrum, Ngadiwiyan, E Fachriyah, Ismiyarto, B Ariestiani and Khikmah

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012049

Ab initio computational study of –N-C and –O-C bonding formation : functional group modification reaction based chitosan

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012050

Probing the Interaction between Cyclic ADTC1 Ac-CADTPPVC-NH₂) Peptide with EC1-EC2 domain of E-cadherin using Molecular Docking Approach

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012051

Extraction of gelatin from catfish bone using NaOH and its utilization as a template on mesoporous silica alumina

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012052

Molecular Docking Simulation of Neuraminidase Influenza A Subtype H1N1 with Potential Inhibitor of Disulfide Cyclic Peptide (DNY, NNY, LRL)

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Electrochemical disinfection of coliform and *Escherichia coli* for drinking water treatment by electrolysis method using carbon as an electrode

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012054

Treatment of Waste Lubricating Oil by Chemical and Adsorption Process Using Butanol and Kaolin

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